

Converting Colors

Hex(0081D5)

Have a look what the booklet for
Hex(0081D5) contains.

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Color

Hex(0081D5)

Conversions

Conversions Part 1

Format	Color
Hex	0081D5
RGB	0, 129, 213
RGB Percent	0%, 51%, 84%
CMY	1.0000, 0.4941, 0.1647
CMYK	1.00, 0.39, 0.00, 0.16
HSL	204°, 100%, 42%
HSV	204°, 100%, 84%
XYZ	19.8605, 20.5046, 65.8618
YIQ	100.0050, -103.8480, -1.2240

Conversions

Conversions Part 2

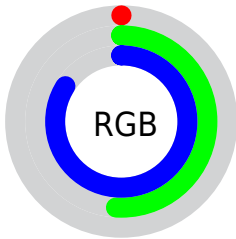
Format	Color
RYB	0, 80, 213
Decimal	33237
CIELab	52.40, 1.86, -51.21
CIElCh	52, 51.241, 272.082
Yxy	20.5046, 0.1870, 0.1930
Android (android.graphics.Color)	4278223317 (0xFF0081D5)
YUV	100.0050, 55.7065, -87.7044
Hunter-Lab	45.2820, -0.9542, -54.5387

Details

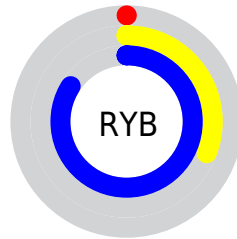
The Hex color **0081D5** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **D55400**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **65B5FF**, and **00519E** is the 20% darker color. If you saturate the color by 10%, you get **0081D5**, and if you desaturate by 10%, it is **1589D5**.

Distribution



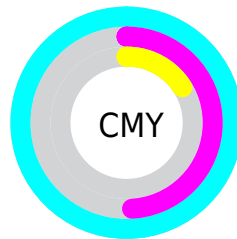
- Red (0%)
- Green (51%)
- Blue (84%)



- Red (0%)
- Yellow (31%)
- Blue (84%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0081D5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0081D5 by changing the saturation by 10% instead.

0081D5

0081D5

FFFFFF

0068B9

65B5FF

00519E

85D1FF

003A83

A4EDFF

002669

C3FFFF

001051

E2FFFF

000539

000222

000009

000000

■ 0081D5

■ 1589D5

■ 2B92D5

■ 409AD5

■ 55A3D5

■ 6BABD5

■ 80B3D5

■ 95BCD5

■ AAC4D5

■ C0CDD5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



008CCA



0081D5



8270C8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0081D5



CA5B51



1C8F52

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0081D5



D55400

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65882D



0081D5



B46B2E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0081D5



CB547C



917C1C



00927F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0081D5



A763B4



917C1C



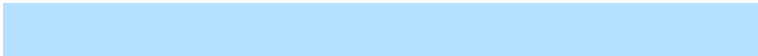
3D8D44

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0081D5



B3E1FF



00D552



526D80



000000



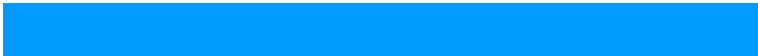
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0081D5



009AFF



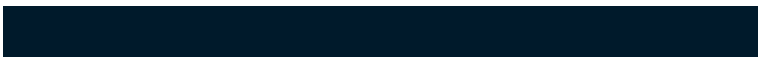
0019D5



60676B



0067AB



001A2B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D50081



FF009A



D5BC00



6B6067



AB0067



2B001A

Previews

White Background



This preview shows how the Hex color 0081D5 looks on a white background.

Color Contrast Check

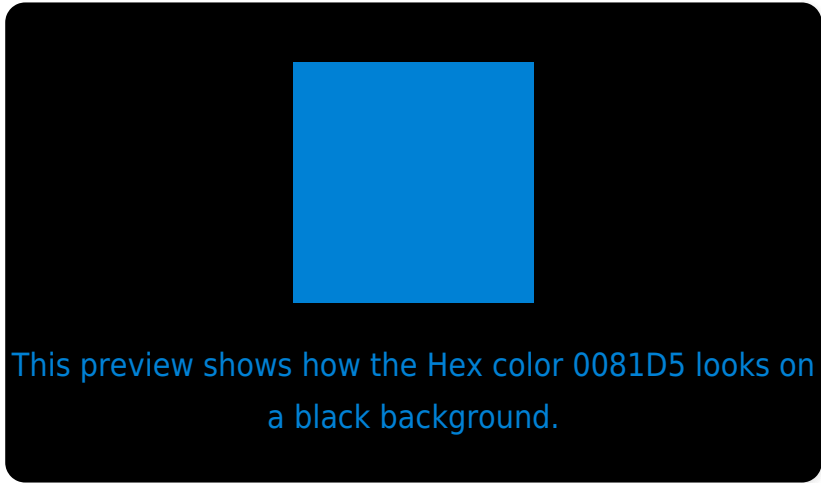
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

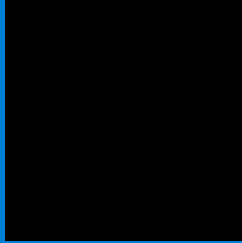
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0081D5 Background



This preview shows how black text looks on a background with the Hex color 0081D5.

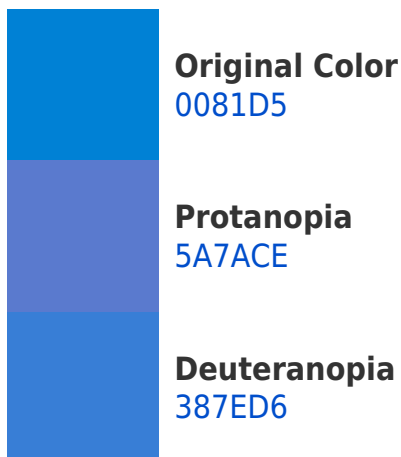


This preview shows how white text looks on a background with the Hex color 0081D5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

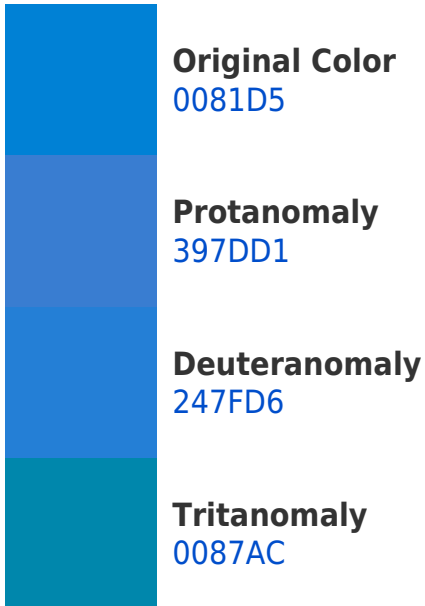
Dichromacy



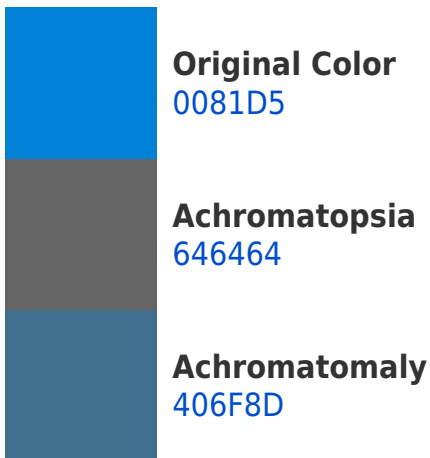


Tritanopia
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0081D5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0081D5 looks like.

```
.text, #text, p{  
    color:#0081D5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0081D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0081D5
}
```

Border

The CSS property to change the border of an element to Hex 0081D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0081D5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0081D5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0081D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0081D5; -webkit-box-shadow:4px 4px  
4px 4px #0081D5; box-shadow:4px 4px 4px  
4px #0081D5 }
```

Background

The CSS property to change the background color of an element to Hex 0081D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0081D5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0081D5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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